

Attorney Docket No. 13139-0104CIP (13721.105006)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENTS  
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APR 01 2009

In re Application of:

Kary B. Mullis

Application No. 10/754,456

Filing Date: January 9, 2004

Title: Chemically Programmable Immunity

Art Unit: 1644

Examiner: David A. Saunders

Confirmation No. 7994

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AMENDMENT AND RESPONSE TO OFFICE ACTION

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Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicant responds to the Office Action dated December 12, 2008. Please enter the following amendment and consider the following remarks. Enclosed with this Response is a Petition for a 1 month extension of time, along with the required fee to extend the period for response up to, and including, April 12, 2009.

**Amendments to the Specification** begin on page 2 of this paper.

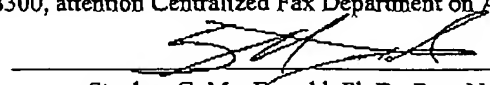
**Amendments to the Claims** begin on page 3 of this paper.

**Remarks** begin on page 8 of this paper.

**Conclusion** begins on page 12 of this paper.

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I hereby certify that this correspondence is being sent to the United States Patent and Trademark Office via facsimile transmission to 571-273-8300, attention Centralized Fax Department on April 1, 2009.

  
Stephen C. MacDonald, Ph.D., Reg. No. 60,401